

ENGINEERED MATERIALS

INVOICE-FIELD SALES

วบรา	USH WELLMAN INC./I	ORDER DATE		CUSTOMER N	O. TEAR	INVOICE NO.	- 4	REFER TO	THIS NUMB	ER	INVOICE	
31	69 PN5977 0	01/08/6	15	75502	0 88	EMB356-0	17	JOH! GIVA			13/	11/65
8-11	RAYTHEUN CUMPAN MICRUMAVE & POV FOUNDRY AVENUE: WALTHAM	IER TUBE OF				S HARDI H 1490 P HALT	HAIM	ABORAT	ORIE	MA O	2154	•
	HT TERMS		PPD	COLL PP	X	EM6350					PA	AT COMP
EN		03/08/85		ARTUN	1	S WGT.		UPS \$4	. 60			755020
TEM	DESCRIPTION		9	UANTITY PROERED	UNIT OF MEAS.	UNIT PRICE	BACK	ANTITY ORDERED	QUA SHI	NTITY PPED	A	MONUL
01	75223-541 BERYLLIUM TUBE PER SPEC. S-2006, TYPE			50.0 13.		299.03		•0		\$0.0 10.5	14:	951.50
	NP07609 C2.8000 +0.03000 - OD Q2.3750 +0.00000 -	•									, .	
.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	I.625 (+.125 v-0 TOTAL QUANTITY = E UNIT PRICE ACKNOWL PRICE PER INCH CON HULTIPLE LENGTH PR	EDGED IS 1	HE								-	
					-	UPS C	1	•			114	4.60 954.10
	X-RAYS AND CERTIF		AEN.	r.								
	NOTIFY SALES TWO IS SHIPMENT, SU WE CO			TOHER		•		• •				• .
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						CHARTIE MRW &	R//	2)		В	D 3	55467

P. G. BGX 5168 CLEVELAND: OH 44190

ACKNOWLEDGMENT-FIELD SALES

ENGINEERED MATERIALS

BRUSH WELLMAN INC./ELMORE, OH 43416/PHONE 419/862-2745

-	ORDER NO.	01/08/85	DATE ENTERED 01/08/85	EMB356 CUSTOMER NO.	TERR	REFER TO THIS IN ALL CORRES AND INOUIRIES TERMS	PONDENCE			CHANGE NBR	
ACK TO	RAYTHEON COMPANY MICROWAVE & POWE FOUNDRY AVENUE, WALTHAM	R TUBE OPER		755020 FREIGHT TERMS FOB: ELT REQUESTED ROUTE UPS		NET 36	DAYS	PPO.	COL	01 PPD. & CHG. X	
B .	RAYTHEON COMPANY MICROWAVE & POWE FOUNDRY AVENUE, WALTHAM	R TUBE OPER	•	HARDRIC 1470 MA WALTHAM	TZ NI			021	54	•	

ITEM	DESCRIPTION	QUANTITY ORDERED	UNIT OF MEAS.	UNIT PRICE	REQUESTED DATE WEEK OF	PROMISE DATE WEEK OF
•	1/14/85 - CHANGED O.D. TOLERA	ACEZ				
	75223-541	50.0		299.03	03/08/85 50.0	03/08/85 50.0 OR SOONER
-	BERYLLIUM TUBE PER BRUSH SPEC. S-200E, TYPE I	APPROX				OR SOURER
	MP07609 52.8000 +0.03000 -0.00000*					
	72.3750 +0.00000 -0.03000" ID K 1.625 (+.125,-0	-				
5	TOTAL QUANTITY = 81.25 INCHES UNIT PRICE ACKNOWLEDGED IS THE PRICE PER INCH CONVERTED TO TOULTIPLE LENGTH PRICE.	E				:
	K-RAYS AND CERTIFICATION OF ANALYSIS REQUIRED WITH SHIPME	NT.				
	NOTIFY SALES TWO DAYS BEFORE SHIPMENT, SO WE CAN NOTIFY CL	STOMER		•		
	CIAL INSTRUCTIONS:					

1/L 85-1642

ACKNOWLEDGMENT-FIELD SALES

ENGINEERED MATERIALS

BRUSH WELLMAN INC./ELMORE, OH 43416/PHONE 419/862-2745

STOMER'S ORDER NO.	ORDER DATE	DATE ENTERE		OUR ORDER NO.		EA YO THIS NUMBER LL CORRESPONDENCE		•
3169PN59770	01/08/85	01/01	3/85	EMB356		INQUIRIES		
RAYTHEON COMPANY MICROWAVE & POWER FOUNDRY AVENUE, WALTHAM	R TUBE OPER			755020 FREIGHT YEALIS	88 NE	T 30 DA		PPD, & CHG. X
WALIGHT	nn vzz	, ,		UPZ	· · · · · · · · · · · · · · · · · · ·			<u>.</u>
RAYTHEON COMPANY MICROWAVE & POWER FOUNDRY AVENUE, WALTHAM	R TUBE OPER			HARDRI 1490 M WALTHA			4 02154	
DESCRIPTION		OUANTITY ORDERED	UNIT OF MEAS.	UNIT PRICE	REQUEST WEEK	ED DATE	PROMISE	DATE OF
75223-541 BERYLLIUM TUBE PER BI SPEC. S-200E, TYPE I 92.8000 +0.00000 -0.0 DD 92.3750 +0.00000 -0.0	03000*	50.0 APPROX 13.8		299.03	03/08/8 5	5 50.0	03/08/85 OR SOONE	
.625 (+.125,-0								
FOTAL QUANTITY = 81.2 UNIT PRICE ACKNOWLED PRICE PER INCH CONVE MULTIPLE LENGTH PRICE	GED IS THE RTED TO							•
X-RAYS AND CERTIFICA ANALYSIS REQUIRED WI		•				·		
NOTIFY SALES TWO DAY: SHIPMENT, SO WE CAN I		OMER						
		•						
		•						•
		•						
IAL INSTAUCTIONS: /L 85-1642								gyang dan samunda kalang samunda sadan s

#AYTREDN COMPANY MICRONAVE & POHE FOUNDRY AVENUE, HALTHAN	R TUBE DEE	ĸ.	B AB		TC LABS		D6/11/ 	¹ 84
HIT TERMS	· Pr	O COLL PR	D & CHG	WAYBILL NO.			[PART	COMP
ELMORF, DH	ATE SHIPPED N	O. CONTAINERS	X IGROS	EMABB7 IS WGT.	ISHIPPED VIA	-		K
An DAYS	06/08/84 1	CARTON	10	LBS.	u.p.s.	\$3.43	7	5572
DESCRIPTION		QUANTITY ORDERED	UNIT OF MEAS.	UNIT PRICE	QUANTITY BACK ORDERED	QUANTITY	AMO	JNT
75223-550 SERVLLTUH TUBE PER SPEC. 5-2006, TYPE		42.0 5.0	ML LB	258.71	•5 •5	42.5 6.5	10,86	5.82
107549 12.76104 DD X 12.46104 ID 1.4504 MULTS								
AL DUANTITY = 60 TIT PRICE ACKNOWLE RICE PER THCH CONV BULTIPLE LENGTH PRI	DGED 15 TH ERTED TO	E.						
				UPS CH	APGFS			3.4
	·			INVOIC	E TOTAL		\$10.86	9.25
C-RAYS AND CERTIFIC MALYSIS PEQUIRED W		мт.		•				,
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A AGENCY THAT THESE GOOD AS AGENCY AND CONTROL OF THE AGENCY AND CONTROL OF TARROTTER BY OF TA	S WERE PRODUCED : 110NS 6, 7 AND 12 21 BEGERATIONS AN IT ISSUED UNDER S	IN COMPLIANCE OF THE FARE L ID ORDERS OF ECTION 13 THE	WITH ABOR TH BLOT	PLEASE BRUS	SH WELLMAN BOX 5161	I NC .	BD 36) #U

BRUSHWELLMAN ACKNO BRUSH WELLMAN INC. /ELMORE, OH 434167 PHONE 419/862-2745

SUSTOMEN'S ORDER NO. 3169PP-50716	O4/24/84	04/24/84	EMA687	4	HEFER TO IN ALL OX AND THO	DARESPO JIMIES		ν		CHANGE NBR
RAYTHEON COMPANY MICROWAVE & POWE FOUNDRY AVENUE, WALTHAM	R TUBE OPER	•	FARIGHT TERMS FOB: EL REQUESTED ROUTE UPS	MORE,	OH	30	DAYS		∞L	O1
RAYTHEON COMPANY MICROWAVE & POWE FOUNDRY AVENUE, WALTHAM	R TUBE OPER	• ,	HARDRIC H 1470 MA WALTHAM	IN ST			MA	021	54	

LEW	DESCRIPTION	QUANTITY ORDERED	UNIT OF MEAS.	UNIT PRICE	REQUESTED DATE WEEK OF	PROMISE DATE WEEK OF
	5/8/84 - CHANGED CUSTOMER P.O					
·	75223-550 BERYLLIUM TUBE PER BRUSH SPEC. S-200E, TYPE II MP07549	42.0 APPROX 5.8		258.71	06/08/84 42.0	06/08/84 42.0
	02.7610" QD X 2.4010" ID 1.450" MULTS					
·	TOTAL QUANTITY = 60.9 INCHES UNIT PRICE ACKNOWLEDGED IS TH PRICE PER INCH CONVERTED TO MULTIPLE LENGTH PRICE.	E				
	X-RAYS AND CERTIFICATION OF ANALYSIS REQUIRED WITH SHIPME	NT.				
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ENGINEERED MATERIALS
BRUSH WELLMAN INC./ELMORE, OH 43416/PHONE 419/862-2745

	s опоел но. РМ-50716	04/24/84	04/24/84	OUR ORDER NO.	4	HEFER TO	RRESPO				<u> </u>
Å	RAYTHEON COMPANY	·	<u> </u>	CUSTOMER NO. 755020		TERMS NET		DAYS	;		
Ř `	MICROWAVE & POWE FOUNDRY AVENUE.	BLDG 41		FOB: EL	MORE,	ОН	***************************************		PPO.	COL.	PPD. & CHG.
	WALTHAM	MA 022	:54 ·	UPS					· · · · · · · ·	*	·
B 1 L L T 0	RAYTHEON COMPANY MICROWAVE & POWE FOUNDRY AVENUE, WALTHAM	R TUBE OPER		HARDRIC H 1490 MA H WALTHAM	IN ST			MA	021	54	

	DESCRIPTION	QUANTITY ORDERED	UNIT OF MEAS.	UNIT PRICE	REQUESTED DATE WEEK OF	PROMISE DATE WEEK OF
	75223-550	42.6		258.71	06/08/84 42.0	06/08/84 42.6
i	BERYLLIUM TUBE PER BRUSH SPEC. S-200E, TYPE II 02.7610" OD X	APPROX				
	02.4010* IĎ X 1.450* MULTS					
٠	TOTAL QUANTITY = 60.9 INCHES UNIT PRICE ACKNOWLEDGED IS TO PRICE PER INCH CONVERTED TO	E				
	MULTIPLE LENGTH PRICE.		,			
	X-RAYS AND CERTIFICATION OF ANALYSIS REQUIRED WITH SHIPME	NT.				
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افحد	USH WELLMAN THE . 71 OMERS ORDER NO. ESPHABES	7876 ST.FLA	CUSTOMERN	O. LIERH	LAND, DH R INVOICENO. FMASSI-DOI	NALL CO	216/486- THIS NUMBER RRESPONDENCE	LD SALES 4275' (4 INVOICE DATE 74/02/84
BILL TO	PAYTHEON COMPAN PRUNDRY AVENUE. PRITHAM	ER LABE ODE	P. 254		S HARDRI H 1490 P P HALTH	IC LABORATO	PIES, INC	
	HTTERMS Si Fladre, DH	P	PD COLL P	PO & CHO X	WAYBILL NO. 227129593			PART COMP
FM F.1	\$	DATE SHIPPED N	O CONTAINERS	1	sswar. 85.	SHIPPED VIA	Cynber	
ы	DESCRIPTION		QUANTITY	UNIT OF MEAS.	UNIT	QUANTITY BACK ORDERED	QUANTITY BHIPPED	P+1 75512
\exists				MEAS.	PHICE	BACK ONDERED	SHIPPED	
	NVOICE ISSUED FOR HAMGES DHITTED ON MARGI-DOI: DATED	INVOICE NO					· · · · · · · · · · · · · · · · · · ·	
1	IRRILL NO. 227129						•	•
							• • •	28.75
					INVOIC	TOTAL		\$28.75
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INVOICE-FIELD SALES

TOM	H WELLMAN 140./1	03/07/84	755020	D. TENA	INVOICE NO. NA 561 -001	MANA POL	RRESPONDENCE	173/12/84
	RAYTHEON COMPAN MICROHAVE & PON FOLHORY AVENUE, WALTHAM	ER TUBE DPER BLDG 41 MA 021	!5 4		1 1490 H P WALTHA	C LABORATO IAIN STREET IM		
	TEMS FLMORF, DH	PF	PO COLL PF	X .	WAYBILL NO. 2271 29593			×
AS.	90 DAYS	DATE SHIPPED N	CARTON		is war. P.S.	SHIPPED VIA	. EXPRESS	P-1 75502
İ	DESCRIPTION		QUANTITY ORDERED	UNIT OF MEAS.	UNIT PRICE	QUANTITY BACK ORDERED	QUANTITY SHIPPED	TOUNT
BE	5273-550 ERYLLIUH TUBE PER EC. 5-200E, TYPE	BRUSH I	13.0 1.8	ML LB	279.14	ń.	13.5	3,678.82
12	07514 1.7611# ND K 1.4610# ID 1.451# MULTS							
P n	PTAL DUANTITY = 1 FTT PRICE ACKNOWL RICE PER INCH CON SLTIPLE LENGTH PR	FOSFO IS TH						
X-AI	-RAYS AND CERTIFI NALYSIS REQUIRED	CATION OF WITH SHIPME	47.					
					INVEL	E TOTAL		13.628.8
1	DTE: DO NOT PRODUCT HAS PRODUCT HHICH WAS	DUCE. MATER ED ON S.D. B CANCELLED (1	44-550					
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1				,			E	D 365474
7.7	HEREBY CENTRY THAT THESE OF A PROPERTY OF A	GOODS WERE PRODUCES SECTIONS 6 7 ACC SECTIONS 6 7 ACC SECTIONS 6 7 ACC SECTION SECTION OF SECTION O	O IN COMPLIANC 12 OF THE FAR ATO GROUPS CO 541.TICHT IN TO	E WITH LANGE DETIL SERIOF	REMIT P.	SH WELLMAN D. BOX 516 VELAND, DH	β	

INVOICE-FIELD SALES

	NERSOADER NO. ; ロロム 月月プラ	7876 ST.CLA	CUSTOMER N	O. TERR	INVOICE NO.	HEFER TO	PRESPONDENCE	invoice date
BILL	HAT HAM WALANE BUNDAN WALKENDAN BALANDA BALANDE BANKAL BALANDAN COMBUN	er ture uper	•			IC LARDUATO PATAL STREET AM		
	FLWDRF, OH	Pi	PD COLL PI	X	WAYBILL NO.			PART COMP
RMS		DATE SHIPPED N	CARTINE		ss waт. РЅ.	E L'UE L'AI	FXPPFSS	h-1
M	DESCRIPTION		QUANTITY ORDERED	UNIT OF MEAS.	UNIT PRICE	QUANTITY BACK ORDERED	QUANTITY SHIPPED	AMOUNT
BF	SZ27-550 SAVLLIUM TURF PER PEC. S-2005, TYPE		13.1		279.14	• 1	17.	3.00 F.P?
1.2	007514 0476108 PD X 2460108 ID 146008 WHIS							
114	TFIFOFE FENCTH DE SICE DEE INCH COM NII DSICE VCKMUNI TIT DIVALITÀ E I	TOSTO IS TH VERTED TO						
× 5	-PAYS AND CERTIFI VALYSIS PERUTRED	CATICH CE WITH SHIPME	eT.		•			
1	. •				INVE	TOTAL		49,677,8
	HAS PRODUCE HAS PRODUCE HAS PRODUCE	D DN S.D. F	MA-229					
							BD	365475
PET I	HEREBY CERTIFY THAT THESE GO APPLICABLE BEOMBLEBERS OF S AUGUSTES ACT AS AUGUSTED ARE BUTTED SHATES DEPARTMENT OF U	ODS WERE PRODUCED SECTIONS 6, 7 AND 1 OF REGULATIONS AROR ISSUED UNDER	IN COMPLIANCE OF THE FAIR AND ORDERS O SECTION 14 TE	WITH LABOR F THE EREOF.	REMIT P	SH MELLMAN C. POX 516 VELAND, OH	1	

BRUSH WELLMAN INC./ELMORE, OH 43416/PHONE 419/862-2745

	PM48833	03/07/84	03/07/84	EMAS61	4		THIS NUMBER PARESPONDENCE IRIES			
ACK TO	RAYTHEON COMPANY MICROWAVE & POWE FOUNDRY AVENUE, WALTHAM	R TUBE OPER		755020 FREIGHT TERMS FOB: EL REQUESTED ROUTE FEDERAL		ОН	30 DAY	PPO.	COL.	PPD, & CHG.
BILL	RAYTHEON COMPANY MICROWAVE & POWE FOUNDRY AVENUE, WALTHAM	R TUBE OPER		S HARDRIC 1 1490 MA P WALTHAM T	TZ NI			NC.	54	

ITEM	DESCRIPTION	QUANTITY ORDERED	UNIT OF MEAS.	UNIT PRICE	REQUESTED DATE WEEK OF	PROMISE DATE WEEK OF
	75223-550 BERYLLIUM TUBE PER BRUSH SPEC. S-200E, TYPE I	13.0 APPROX 1.8		279.14	03/05/84 13.0	03/05/84 13.0
4	1P07514 92.7610° OD X 92.4010° ID 91.450° MULTS	-		•		
	TOTAL QUANTITY = 18.85 INCHES UNIT PRICE ACKNOWLEDGED IS THE PRICE PER INCH CONVERTED TO HULTIPLE LENGTH PRICE.					,
	K-RAYS AND CERTIFICATION OF ANALYSIS REQUIRED WITH SHIPME	ΥT.				
	NOTE: DO NOT PRODUCE. MATER WAS PRODUCED ON S.O. E WHICH WAS CANCELLED (H	MA-229				
	IAL INSTRUCTIONS:					

ENGINEERED MATERIALS

BRUSH WELLMAN INC./ELMORE, OH 43416/PHONE 419/862-2745

5308	•	10/10/83	10/10/83	EMA229	4	HALL CORRESPOND AND INCUIRIES			CHANGE
. Q .	HARDRIC LABORATO			427000	TERR 88	C.O.D.			NBR 01
K T O	1490 MAIN STREET WALTHAM	MA 021	54	FOB: EL		ОН	[^f	PD. COL.	PPD. & CHG.
	-	• •	· "**** ·	UPS			·	-	
B	HARDRIC LABORATO			HARDRIC		RATORIES REET	INC	*	
J.	WALTHAM	MA 021	54	P WALTHAM 5		•	MA 0	2154	

BERYLLIUM TUBE PER BRUSH SPEC. S-200E, TYPE I O7514 O7610* OD X 02.4010* ID K 1.450* MULTS TOTAL QUANTITY = 18.85* UNIT PRICE ACKNOWLEDGED IS THE PRICE PER INCH CONVERTED TO MULTIPLE LENGTH PRICE. K-RAYS AND CERTIFICATION OF ANALYSIS REQUIRED WITH SHIPMENT. NOTE: CERTIFIED BANK CHECK REQUIRED FOR PAYMENT.	ITEM	DESCRIPTION	QUANTITY ORDERED	UNIT OF MEAS.	UNIT PRICE	REQUESTED DATE WEEK OF	PROMISE DATE WEEK OF
BERYLLIUM TUBE PER BRUSH SPEC. S-200E, TYPE I O7514 O7610* OD X 02.4010* ID K 1.450* MULTS TOTAL QUANTITY = 18.85* UNIT PRICE ACKNOWLEDGED IS THE PRICE PER INCH CONVERTED TO MULTIPLE LENGTH PRICE. K-RAYS AND CERTIFICATION OF ANALYSIS REQUIRED WITH SHIPMENT. NOTE: CERTIFIED BANK CHECK REQUIRED FOR PAYMENT.							
7610* OD X 72.4010* ID X 1.450* MULTS TOTAL QUANTITY = 18.85* UNIT PRICE ACKNOWLEDGED IS THE PRICE PER INCH CONVERTED TO MULTIPLE LENGTH PRICE. K-RAYS AND CERTIFICATION OF ANALYSIS REQUIRED WITH SHIPMENT. VOTE: CERTIFIED BANK CHECK REQUIRED FOR PAYMENT.		BERYLLIUM TUBE PER BRUSH	APPROX		279.14	12/02/83 13.0	12/02/83 13.0
TOTAL QUANTITY = 18.85° UNIT PRICE ACKNOWLEDGED IS THE PRICE PER INCH CONVERTED TO MULTIPLE LENGTH PRICE. K-RAYS AND CERTIFICATION OF ANALYSIS REQUIRED WITH SHIPMENT. NOTE: CERTIFIED BANK CHECK REQUIRED FOR PAYMENT.		07514 .7610" DD X 52.4010" ID '	1 . ଫ	LB			
K-RAYS AND CERTIFICATION OF ANALYSIS REQUIRED WITH SHIPMENT. NOTE: CERTIFIED BANK CHECK REQUIRED FOR PAYMENT.		TOTAL QUANTITY = 18.85° UNIT PRICE ACKNOWLEDGED IS TH PRICE PER INCH CONVERTED TO	or the state of th				
REQUIRED FOR PAYMENT.		K-RAYS AND CERTIFICATION OF	۲T.	•	· ·		
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		IAL INSTRUCTIONS:					

- CERTIFIED CHECK

BRUSH WELLMAN INC./ELHORE, OH 43416/PHONE 419/862-2745

NSTOMER'S 5308	ORDER NO.	ORDER DATE - 10/10/83	10/10/83	EMA229	TERR	IN ALL CORRES	PONDENCE			•	•
Å G K T O	HARDRIC LABORATO 1490 MAIN STREET WALTHAM		54	427000 FREIGHT TERMS FOB: EL REQUESTED ROUTE UPS	88 MORE,	NET 30	DAYS	PPD. C	or.	PPD. & CHG.	-
B L T O	HARDRIC LABORATO 1490 MAIN STREET WALTHAM		54	HARDRIC 1490 MA WALTHAM	IN ST	RATORIE REET		C. 0215	4		Triang.

ПЕМ	DESCRIPTION	QUANTITY ORDERED	UNIT OF MEAS.	UNIT PRICE	REQUESTED DATE WEEK OF	PROMISE DATE WEEK OF
	75223-550 BERYLLIUM TUBE PER BRUSH	13.0 APPROX		279.14	12/02/83 13.0	12/02/83 13.0
	SPEC. S-200E, TYPE I	1.8				
	02.7610* OD X 02.4010* ID					
\	1.450" MULTS					
	TOTAL QUANTITY = 18.85° UNIT PRICE ACKNOWLEDGED IS TH PRICE PER INCH CONVERTED TO MULTIPLE LENGTH PRICE.	E				
	X-RAYS AND CERTIFICATION OF ANALYSIS REQUIRED WITH SHIPME	NT.				
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PECIAL INSTRUCTIONS:

83-1281

ENGINEERED MATERIALS

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ACKNOWLEDGEMENT - FIELD SALES

ELMORE, OH 43416 PHONE: (419) 862-2745
ORDER DATE DATE DATE DATE DATE DOWN AGY. PRIORITY OUR ORDER NUMBER OMER'S ORDER NO. INC 04/23/92 04/23/92 EMA630 TERM 53-7936XD09326 TERR. CUSTOMER NO. 755015 A 88 RAYTHEON CO. P.O. BOX 297 FOR: ELMORE, OH REQUESTED ROUTE PPD &CHI SUDBURY MA 01766 Ţ UPS

RAYTHEON CO. F.O. BOX 297 SUDBURY

MA 01766

SHARDRIC LAB H1490 MAIN ST. PWALTHAM

MA 02154

ГЕМ	DESCRIPTION	QUANTITY ORDERED	UNIT OF MEAS	UNIT PRICE	REQUESTED DATE WEEK OF	PROMISED DATE WEEK OF
	BRUSH PART: MP22332 (75819-352) BERYLLIUM BAR	AFFROX	PC	1098.00	05/22/92 1	05/22/92 1 OR SOONER
	FER SPEC: S-200-F REV:A TYPE:I 1.00000" THICK X 3.65000" X 6.10000" LONG	width	LB			
0.2	RUSH PART: MP22332 (75819-362) BERYLLIUM BAR	1.0 AFFROX 2.5	PC LB	1520.00	05/22/92 1	05/22/92 1 OR SOONER
	PER SPEC: S-200-F REV:A TYPE:I 1.00000" THICK X 5.30000" X 7.05000" LONG	WIDTH	has As*			
٠	X-RAYS AND CERTS REQUIRED					

SPECIAL INSTRUCTIONS:

PROGRAM: T.F.O.A.

92-218R1

INVOICE - FIELD SALES BRUSHWELLMAN SH WELLMAN ING. FEU-10-# 34/0119320 PHONE(216)486-4200 CUSTOMER'S ORDER NO. ORDER DATE CUSTOMER NO. TERR GOV'T PRIORITY INVOICE NO. INVOICE DATE 04/23/92 53-7936X009326 755015A 88 100-0E BAM3 05/18/92 nok Seaver KAY THEUH CO. BAL DIRGRAH SHIP 7.J. JUX 247 TE MIAM CEPI HA 01766 JUD JURY WALTHAM MA 02154 MINNAY T FREIGHT TERMS WAYBILL PPUCCHG EMAGEO FULL SLHUKE: JH 75 50 15 TERMS DATE SHIPPED NO. CONTAINERS GROSS WGT. SHIPPED VIA 05/15/92 L CTN. 5 Lesa NET 30 UAYS UP\$/3.21 QUANTITY UNIT QUANTITY BACK ORDERED QUANTITY SHIPPED DOLLAR DESCRIPTION TEM Ú/M 1.drc SEESSAW = THE HOUSELD 1098-00 . 0 \$1.098.00 1.0 (75819-352) SERVLLIUM UAR 1.510 .0 1.5 PER SPEC: S-200-F MEA: V LAbe: I I.00000 THICK X 3.65000" WIUTH 0.10000" LDNG KUSH PART: MP22332 275614-362) LaUPC 1520.00 . 0 1.0 \$1.520.00 BERYLLIUM BAR 2.5 6 .0 2.6 PER JPEC: S-200-F REVIA TYPE:I I-00000# FHICK X 5.30000m HIDIH 7.05000" LONG U.P.S. CHARGES 3.21 INVUICE TOTAL 12.621.21 X-RAYS AND CERTS REQUIRED URBER IS COMPLETE 22232 5822332 BRUSH WELLMAN INC. P. 0. BUX 70768

BD 365575

CHICAGO # 11 60673-0768

ENGINEERED MATERIALS

TOMER'S ORDER NO.

PACKING LIST-SALES

REFER TO THIS NUMBER IN ALL CORRESPONDENCE

BRUSH WELLMAN INC./ELMORE, OH 43416/PHONE 419/862-2745

3169PP-50716	04/24/84	755020	88	BE ENA687-001 NALL CORRESPONDENCE AND INQUIRIES						
HARDRIC LABS 1490 MAIN ST. WALTHAM	MA 02	2154		RAYTHEON COMPANY E MICROWAVE & POWER TUBE OPER. T FOUNDRY AVENUE, BLDG 41 WALTHAM MA 02254						
GHT TERMS	PPD.	COLL. PPD	& CHG.	WAYBILL NO.		PART COMP				
FOB: ELMORE, OH	NO. CONTAINERS		X	EMA687 GROSS WGT.		X				
36/08/84	1 CARTON	,	•			SHIPPED VIA				
M DESCRIPTION	I CHATOR	QUANTITY ORDERED	UNIT OF MEAS.	10 LBS. QUANTITY SHIPPED	QUANTITY	U.P.S. \$3.43				
3175223-550 BERYLLIUM TUBE PER 1 SPEC. S-200E, TYPE 1 MP07549 02.7610	II	42.0		42.6 6.3		1				
TAL QUANTITY = 60 IT PRICE ACKNOWLES PRICE PER INCH CONVE MULTIPLE LENGTH PRIC X-RAYS AND CERTIFICA ANALYSIS REQUIRED WI	OGED IS THE ERTED TO CE. ATION OF									
						BD 364672				

NO RETURN GOODS WILL BE ACCEPTED WITHOUT WRITTEN CONSENT

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MATERIAL CERTIFICATION

Customer: Raythach Company

Microwave & Power Tube Oper.

Foundry Avenue, Bldg. 41 Waltham, MA 02254

June 8, 1984

MA: 687

3169PP-50716 P.O.#:

Specification: 8-200E, Type II

Material Description:

Lot No. 3066, Six (6) pos. Beryllium Tube 2.761" od x 2.401" id x 1.45" mults (60.9" total, 42 mults total), S/N 1-6, Item 1. [, 3 ts.

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CH	EMICAL CO	MPOSITION	: (WT.	%)	MECHANICAL ROPE FLES							
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TOTAL	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>							

BD 364674

This is to certify that the	above material	satisfies the	requirements (of Specif	ication	a above
Drawing	Purchase Order	see above	and was	**emoved	from Pressing 4	lo. 3066

Shipping (3) Sales (1) File (1)

BRUSH WELLMAN INC. R. QUALITY CONTROL

696777-218 35/73

To: BRUSH WELLMAN

RAYTHEON COMPANY MICROWAVE & P.T. DIV. PURCHASING DEPT. 3250 Foundry Avenue Waltham, MA. 02154

subject

3169-PP-50716

dat.e 5/2/84

MESSAGE

Please send written quotation

all orders over \$500.00 require by Government Regulation
a written quotation

Thank You

D. Sinclair

signed /



RAYTHEON COMPANY MICROWAVE AND POWER TUBE CPERATION FOUNDRY AVENUE WALTHAM, MASSACHUSET TS 02254 TEL EPHONE: (617)899-8400

PURCHASE ORDER THIS NUMBER MUST APPEAR ON ALL PACKAGES AND DOCUMENTS PURCHASE ORDER NUMBER 31-69-PP-50716

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1760395							-	the second of	* ************************************
ABLE CASH TERMS		BUSINESS MR	NORITY BUYER	:		EXTENSION	CROSS REFERENCE	DOCUMENT DATE	REQUISITION NO.
X NET: 30		S	N JOHN	CHART 1	[ER	3623	•	04 25 84	47315
NI .	SHIP VIA		P & C COL	ATION TERMS	COMPANY WIDE	CERT.FOR NA	TLDE CONTRACT NUMBER		PRIORITY
	PUROL	ATOR	X		,				
BPUSH WELLM!	AN		10	7383 E	ILL I	N TRI	PLICATE TO	THE ABOVE	ADDRESS
SOUTH RIVER	ROAD				TTENT	ION: A	CCOUNTS PAY	ABLE	
ELMORE OH 4	3416	10			SHIP M	ATERI	AL TO BLD 4	1 ACCOUNT	1730-9
•		1,6		1	1,1		.*	•	
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DICATES CONFIRMING ORD	ER			• .	•				•
O NOT DUPLICATE		YOUR JI	M ZYLA	DAT	E 04	24 84	TEL: 4	19-862-274	.5
QUANTITY UNIT OF	F.	PART NO./DESC	RIPTION/DELIVERY	SCHEDULE		CATEGO	RY *UNIT P	RICE 7	OTAL AMOUNT

47. C EACH PERYLLIUM SEXMIN S-200E 42.0 DUE: 05 28 84

LAB/MAT

258.71

10,865.82

S-200E TYPE I-RCUGH OVERSIZE TO FINISH, 2.761" OD X 2.401"ID X1.450 MULT

VENDOR TO NOTIFY RAYTHEON BEFORE ABOVE MATERIAL IS. DROPPED SHIPPED TO HARDRIC LABS. BERYLLIA -CONTROL

THE ENCLOSED B. F.O. LABELS ARE TO BE ATTACHED TO THE OUTSIDE OF EACH PACKAGE WHEN SHIPPING.

THE FOLLOWING DOCUMENTS ARE APPLICABLE:

1. NON-SEGREGATED FACILITIES

A . WALKER C. CORNERS.

EQUAL OPPORTUNITY EMPLOYMENT

***** DROP SHIP THIS MATERIAL TO: *****
HARDRIC LAB INC
1490 MAIN STREET #1490 MAIN STREET J. F. READING MA 02154 WALTHAM

PURCHASE DRDER AMOUNT TO C. 865.82

BD 364676

*** END OF BURCHASE ORDER *** The Part of the American State of the Part
ORDER IS SUBJECT TO THE TERMS AND CONDITIONS ON THE FACE AND BACK HEREOF. EXCEPTIONS MUST BE ACKNOWLEDGED IN WRITING.

COST OF INSURANCE IN VIOLATION OF PARAGRAPH 2 OF TERMS AND CONDITION OF PURCHASES WILL NOT BE ACCEPTED. VENDOR COPY H DISCOUNT PERIOD WILL BE MEASURED FROM DATE OF RECEIPT OF INVOICE OR MATERIAL WHICHEVER IS LATER.

RESURTE ATLLMANTING. AT 7875 ST. CLATP AVE. ACCEVELAND. OH 44110/PHONG 216/486-4200

BRUSHWELLMAN

ENGINEERED MATERIALS

INVOICE ORDER FILE

TERMS VET 30 34YS DATE SHIPPED NO. CONTAINERS GROSS WGT. L BS. U.P.S. \$3.43 TEM DESCRIPTION DESCRIPTION OUANTITY ORDERED VALUE TO 223-550 RESYLLIAM TUPE DER BRUSH SPEC. S-270E, TYPE II MP. 7649 2.761 " 30 X 7.471 " ID VALUE VALUE TOTAL QUANTITY = 6.9 INCHES UNIT PRICE ACKNOWLEDGED IS THE PRICE DER INCHES UNIT PRICE ACKNOWLEDGED IS THE PRICE DER INCH SONVERTED TO MULTIPLE LENGTH DRICE. UPS CHAPGES	STOMER'S ORDER NO.		ORDER DATE	CUSTOMER	NO. TERF	INVOICE NO.	A BLATE CO	RRESPONDENCE	TE/11/04
THE DESCRIPTION CONVERTED TO MULTIPLE LENGTH ORIGINAL STORMS AND CENTRAL OF AVALUSTS OF DUISED WITH SHIPMENT. X EMAS 87 BRUS OF JAYS	L MICROWAVE FOUNDRY A T WALTHAM	& POWER	3LDG 41			1490 P WALTH	MATH ST.	WA ??	?154
DESCRIPTION DESCR	EIGHT TEAMS	<u> </u>		PPD COLL	PPD & CHG	WAYBILL NO.			PART COMP
THE DESCRIPTION ON OUNTITY OF ACKORDER OF SHIPED OF SHIP			- Augana				" ICHIEDED VIA		<u> </u>
DESCRIPTION OUNTITY ORDERED			i		1		i .	\$3.43	75512
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2.451 M ID 1.450M MILETS TOTAL QUANTITY = 61.9 INCHES UNIT PRICE ACKNOWLEDGED IS THE PRICE OFR INCH CONVERTED TO MULTIPLE LENGTH ORIGE. UPS CHAPGES INVOICE TOTAL X-FAYS AND CEPTIFICATION OF ANALYSIS PROUISED WITH SHIPMENT.	RESYLLIJM TU] }4 C	25R. 71	• 3		1~,865.8
UPS CHAPGES INVOICE TOTAL X-1475 AND CERTIFICATION OF AVAILYSIS POSURED WITH SHIPMENT.	TOTAL QUANTI UVIT PRICE A POICT PER IN	10H 5874 114 = 63 114 = 63 114 = 63	ERTED TO						
X-FAYS AND CERTIFICATION OF AVAILABLE OF SIGNAL SHIPMENT.	MULITALA LIS	CIR OKI							3.4 \$17.869.2
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WE HEREBY CERTIFY THAT THESE GOODS WERE PRODUCED IN COMPLIANCE WITH ALL APPLICABLE REDUREMENTS OF SECTIONS 6, 7 AND 12 OF THE FAIR LABOR STANDARDS ACT, AS AMENDED AND OF REGULATIONS AND ORDERS OF THE UNITED STATES DEPARTMENT OF LABOR ISSUED UNDER SECTION 14 THEREOF. PLEASE RRUSH WELLMAN INC.

REMIT P. C. BOX 5168

CLEVELAND, BH 44193

ACKNOWLEDGMENT-ORDER FILE

BRUSH WELLMAN INC. /ELMORE, BOM 454767 PHONE 419/862-2745

	S ORDER NO. PP-50716	04/24/84 DATE EN 04	/24/84	OUR ORDER NO. EMA687	4		THIS NUMBER IRESPONDENCE RIES		CHANGI NBR.
ACK TO	RAYTHEON COMPANY MICROWAVE & POWE FOUNDRY AVENUE, WALTHAM	R TUBE OPER.		CUSTOMER NO. 755020 FREIGHT TERMS FOB: EL REQUESTED ROUTE UPS		OH	30 DAYS	PPD. COL.	PPD. & CHG.
B L L T O	RAYTHEON COMPANY MICROWAVE & POWE FOUNDRY AVENUE, WALTHAM	R TUBE OPER.	\$ F T	HARDRIC 1490 MA WALTHAM	IN ST		MA	02154	

DESCRIPTION	QUANTITY ORDERED	UNIT OF MEAS.	UNIT PRICE	REQUESTED DATE WEEK OF	PROMISE DATE WEEK OF
5/8/84 - CHANGED CUSTOMER F.O					
75223-550 BERYLLIUM TUBE PER BRUSH	42.0 APPROX		258.71	06/08/84 42.0	06/08/84 42.
SPEC. S-200E, TYPE II	5.8		,		
7549 1610 ° OD X 92.4010 ° ID X 1.450 ° MULTS					
TOTAL QUANTITY = 60.9 INCHES UNIT PRICE ACKNOWLEDGED IS TH PRICE PER INCH CONVERTED TO MULTIPLE LENGTH PRICE.	E	•			
X-RAYS AND CERTIFICATION OF ANALYSIS REQUIRED WITH SHIPME	NT.				

ACKNOWLEDGMENT-ORDER FILE

RUSH WELLMAN INC./ELMORE, OH 43416/PHONE 419/862-2745

,	order no. PM-50716	ORDER DATE 04/24/84	04/24/84	EMA687	4	REFER TO IN ALL CO AND INC	DRRESPO			
	RAYTHEON COMPANY MICROWAVE & POWE FOUNDRY AVENUE,	R TUBE OPE BLDG 41	•	755020 FREIGHT TERMS FOB: EL	B8 MORE,	L.,	30	DAYS	PPD. COL.	PPD. & CHG.
į	WALTHAM	MA 02	254	UPS						
:	RAYTHEON COMPANY MICROWAVE & POWE FOUNDRY AVENUE, WALTHAM	R TUBE OPE		S HARDRIC 1 1490 MA P WALTHAM T	TZ NI			MA	02154	

DESCRIPTION	QUANTITY ORDERED	UNIT OF MEAS.	UNIT PRICE	REQUESTED DATE WEEK OF	PROMISE DATE WEEK OF
75223-550 BERYLLIUM TUBE PER BRUSH SPEC. S-200E, TYPE II 02.7610* OD X	42.0 APPROX 5.8		258.71	06/08/84 42.0	06/08/84 42.
02.4010" ID X 450" MULTS TOTAL QUANTITY = 60.9 INCHES UNIT PRICE ACKNOWLEDGED IS TH PRICE PER INCH CONVERTED TO MULTIPLE LENGTH PRICE.	E.				
X-RAYS AND CERTIFICATION OF ANALYSIS REQUIRED WITH SHIPME	NT.				
S (STRUCTIONS:					

T(2)	-{ 8 -7				•	ORDER WRITE-UP
- Custon	5-3020 C 3/69PM 507/6	4/24	PO Date 4/2	4	Terr No	Releval cc
Ship T	PRORIC LABS 490 main St Valtham, MA 02154	RAY MICR FOUN	ThEON	Com L Pou BL	SER TO	BE OPERATION
Pay		Request	ed Route		PPD	
	VET 30 DAYS FOR ELMORE		UPS	Rec	juested Del	Promised Det
1:	Prod Code DESCRIPTION Part No. 75223 -550	Oty .	Price	Week	Oly	Week Oly
3	BE TOBE			6/8/	84	10,865-8
1)	2.761"ODX 2.401"ID X 1.450"MI	42ML	258,71/			
	TOTAL INCHES = 60.9"	5.8#	NY			
	Spec S-200-E Type II					
	X-RAY + CERTS REQUIRED	. •				
	12/0/1/200					
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Brush Wellman Inc./Elmore Ohio 43416 Phone 419/862-2745 TWX 810/490-2300

Raytheon Company Microwave & Power Tube Operation Foundry Ave., Bldg 41 Waltham, MA 02254

Attention:

Mr. John Chartier

Thank you for your inquiry and the opportunity to submit the following quotation.

YOUR INQUIRY NO.	Verbal
DATE OF INQUIRY	4-18-84
BRUSH QUOTATION NO	84-557
DATE OF QUOTE	4-18-84
CONFIRMING: PHONE	

OTHER (Specify)

ITEM	DESCRIPTION	QUANTITY	PRICE	EST. TOTAL WEIGHT	EST. SHIPMENT (WKS, ARO)
,					
1	Beryllium Tube per Brush Spec. S-200E Type II 2.761 " O.D. x 2.401 " I.D. x 1.450 " Mult	42 mults	\$258.71 per mult		6 Weeks
A STATE OF THE STA	2.777" O.D. x 2.310" I.D. x 1.593" Mult	42 mults	\$277.85 per mult		6 Weeks
2	Beryllium Rod per Brush Spec. S-200E Type II 2.777" Diameter x 1.533" Long	42 pcs.	\$313.59 each		6 Weeks
· .	9/0 3/69 PM 50716				
	HARDRIC LABS				
•			•		
			B	D 36468	1
	The material will be delivered as shown above if your order is received on or before Ma Prices apply to quantities which you order for manufacture and shipment at one time.	y 18, 1984		more, Ohi	.0
			TERMS: NE	T 30 DAYS	•

PLEASE REFER ALL INQUIRIES CONCERNING THIS QUOTATION TO: Brush Wellman Inc.

SALES ENGINEER

J.W. Chomich

PREPARED BY

Jim Zyla Sales Coordinator

IMPORTAND NOTICE. THIS QUOTATION IS SUBJECT TO THE PROVISIONS OF BRUSH'S TERMS AND CONDITIONS OF SALE SET FORTH ON THE BACK HEREOF

WHICH INCLUDE LIMITATIONS ON WARRANTIES AND REMEDIES, PLEASE READ THEM CAREFULLY SINCE THEY WILL GOVERN ANY SALE OF OUR GOODS.

ENGINEERED MATERIALS

Brush Wellman Inc./Elmore Ohio 43416 Phone 419/862-2745 TWX 810/490-2300

Raytheon Co Microwave *Power Subeliperation Soundry ave Blog 4/ Waltham, MA 02254 Attention: John Charlier

Thank you for your inquiry and the opportunity to submit the following quotation.

QUOTATION

YOUR INQUIRY NO.
DATE OF INQUIRY
BRUSH QUOTATION NO. 84-557
DATE OF QUOTE 4/18
CONFIRMING: PHONE
TWX 🗀
OTHER (Specify)

ITEM	DESCRIPTION	QUANTITY	PRICE	EST. TOTAL WEIGHT	EST. SHIPMENT (WKS. ARO)
)	BE TUBE 2.761"ODX 2.401" IDX 1.450"ML	42 ML	258.71/ ML		6
	2.777"ODX 2.310"IDX 1.593"ML	42ML	277.85/		6
	BE Rod 2.777" PX 1.533" Long	42 pcs	3/3.59 EA		6
	S-200-E TYPETT				
				BD 3640	582
			F.O.B.	1,	
	The material will be delivered as shown above if your order is received on or before			ET 30 DAYS	·····

IMPORTANT NOTICE: THIS QUOTATION IS SUBJECT TO THE PROVISIONS OF BRUSH'S TERMS AND CONDITIONS OF SALE SET FORTH ON THE BACK HEREOF - WHICH INCLUDE LIMITATIONS ON WARRANTIES AND REMEDIES, PLEASE READ THEM CAREFULLY SINCE THEY WILL GOVERN ANY SALE OF OUR GOODS.

Raythern Co John Charties 617-899-8400 x-3623

S-200-E TYPE IT

42ML

2.761"00 x 2.401"IOX 1.450"ML

220.95 x 85 178.42

X1.450 258.71/ML

42 ML 44.906

2.777"00x 2.310" IOX 1.593" ML

216.00 205.20

(4) Weeks

21.85/MZ

42 2.777"\$ x 1.533 "Long

230,30

X1.533 353.05

35.30

388,35

368.93

ENGINEERED MATERIALS

ACKNOWLEDGEMENT-FIELD SALES

SH WELLMAN INC. ELMORE, OH 43416 PHONE: (419) 862-2745
ORDER DATE DATE INTERED GOV'T AGY, IPRIORITY OUR ORDER NUMBER 04/23/92 04/23/92 53-7936XD09326 EMA630 TERMS CUSTOMER NO. TERR. RAYTHEON CO. 755015 A 88 30 DAYS P.O. BOX 297 FOR: ELMORE, OH REQUESTED ROUTE SUDBURY MA 01766 PPD &CHI T UPS SHARDRIC LAB RAYTHEON CO. P.O. BOX 297 P WALTHAM MA 01766 MA 02154 **SUDBURY**

					•	
M	DESCRIPTION	QUANTITY ORDERED	UNIT OF MEAS	UNIT PRICE	REQUESTED DATE WEEK OF	PROMISED DATE WEEK OF
	BRUSH PART: MP22332 (75819-352) BERYLLIUM BAR PER SPEC: S-200-F REV:A TYPE:I 1.00000 THICK X 3.65 X 6.10000 LONG	1.0 AFPROX 1.5	PC LB	1098.00	05/22/92 1	05/22/92 1 OR SOONER
	RUSH PART: MP22332 (75819-362) BERYLLIUM BAR PER SPEC: S-200-F REV:A TYPE:I 1.00000" THICK X 5.30 X 7.05000" LONG X-RAYS AND CERTS REQUIRE:		PC LB	1520.00	05/22/92 1	OS/22/92 OR SOONER ASSO 9

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PROGRAM: T.F.O.A.

92-218R1